

ABSTRACT

An implant assembly for proximal femur fracture comprises of a targeting device and intramedullary nail having plurality of proximal holes directed towards head and neck of femur wherein the axis of the holes makes an ante version angle of about 5° to 20° with the horizontal plane and at the same time axis of plurality of distal holes making 90° angle to longitudinal axis of said nail that holds the femur wherein said nail has reducing cross section area from thigh end to knee end with grooved knee end with anterior curvature even in short length version, plurality of proximal sliding hip pins with smooth shaft for collapsibility, triflanged end with mores taper to hold proximal femur, large head and washer to get impaction and plurality of distal locking screw to hold distal fragment of femur, optional buttress plate and barrels supporting lateral cortex to get controlled limited guided collapse.